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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/058,698	01/27/2002	Jeffrey L. Huckins	ITL.0699US	4036
7590	11/29/2005		EXAMINER	
Timothy N. Trop TROP, PRUNER & HU, P.C. 8554 KATY FWY, STE 100 HOUSTON, TX 77024-1841			KIM, HAROLD J	
			ART UNIT	PAPER NUMBER
			2181	

DATE MAILED: 11/29/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/058,698

Applicant(s)

HUCKINS, JEFFREY L.

Examiner

Harold Kim

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 09 September 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-27 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-27 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 27 January 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This action is responsive to applicant's amendment filed on September 9, 2005, which has been carefully studied by the Examiner. The arguments advanced therein are not persuasive at all and all of the rejections set forth in the previous Office action are hereby maintained. Accordingly, this action is made **FINAL**.
2. Claims 1-27 are presented for examination.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. **Claims 1-9, 11-19 and 21-27 are rejected under 35 U.S.C. 102(e) as being anticipated by Heinrich et al., US Patent no. 6,542,995.**

5. In re claim 1, Heinrich et al. shows a method comprising:

accessing a configuration space [52a, fig 2] on an integrated component [26, fig 2] that is part of a processor-based system [52a, fig 2; col 9, lines 9-16];

detecting a component external [col 9, lines 9-16] to said system, said component intended to operate with said integrated component;

comparing an identifier for said external component with an identifier for said integrated component [col 9, lines 9-29]; and

if said identifiers match, writing information into the configuration spaces of the integrated and external components [col 9, lines 19-30].

6. In re claim 2, Heinrich et al. shows accessing said external component through a bus [col 8, lines 62-67].

7. In re claim 3, Heinrich et al. shows accessing a configuration space includes accessing a configuration space on a controller [col 7, lines 54-58].

8. In re claim 4, Heinrich et al. shows detecting a component external [34, fig 2; col 7, lines 48-52] to said system from said controller [26, fig 2].

9. In re claim 5, Heinrich et al. shows accessing a configuration space on said component external to said system [col 7, lines 55-57].

10. In re claim 6, Heinrich et al. shows accessing a global unique identifier [vendor identifier, col 8, line 2] from said configuration space on said system integrated component [col 8, lines 47-48].

11. In re claim 7, Heinrich et al. shows accessing a global unique identifier [col 8, lines 2-4] from said configuration space on said component external to said system.

12. In re claim 8, Heinrich et al. shows implementing a capability requiring two functions, one of said functions implemented by said platform integrated component [col 7, line 58] and the other of said functions implemented by said component external said system [col. 7, lines 55-57].

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13. In re claim 9, Heinrich et al. shows writing information includes writing information necessary for the platform integrated component communicate with said component external to said system [col 7, lines 55-57].

14. Claims 11-19 and 21-27 are rejected under the same rationale as discussed above in claims 1-9.

Claim Rejections - 35 USC § 103

15. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

16. **Claims 10 and 20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Heinrich et al., US Patent no. 6,393,500, as applied to claims 1-9 and 11-19 above.**

17. In re claims 10 and 20, Heinrich et al. does not show and utilizing said functions to implement a wireless network capability. Official Notice is taken that both the concept and the advantages of providing for a wireless network capability are old and well known in the art. Therefore, it would have been obvious to the ordinary skilled person in the art at the time the invention was made to include the wireless network

capability for user friendly and more flexible device by allowing it to operate in multiple configurations.

Response to Arguments

Applicant's arguments filed 9/9/2005 have been fully considered but they are not persuasive.

In the remarks, applicants argued in substance that (1) Heinrich et al. does not show detecting a component external to the system and a component intended to operate with an integrated component, (2) does not show comparing an identifier for the external component with an identifier for the integrated component, (3) does not show if the identifiers match, writing information into the configuration spaces of the integrated and external components, and (4) Heinrich et al. does not show mating manager to coordinate the implementation of a capability incorporated in part in said controller and in part in a component external to said system.

Examiner respectfully traverses applicants' remarks.

As to point (1), Heinrich et al. does show detecting a component external [col 9, lines 9-16, "the value of the identifying number stored in each card configuration register"; 100 in fig 4; col 9, line 25, "configuration address is detected"; 62 in fig 3; claim 1, lines 3-4, "a plug and play peripheral device located on a printed circuit board separate from another printed circuit board on which the microprocessor resides; claim 1, lines 8-9] to the system and a component intended to operate with an integrated

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component [claim 1, line 4, "separate from another printed circuit board on which the microprocessor resides"].

As to point (2), Heinrich et al. does show comparing an identifier for the external component with an identifier for the integrated component [col 9, lines 13-16, "matches the identifying number of the peripheral device stored within the configuration register of the device as well as the device identification registers 52"].

As to point (3), Heinrich et al. does show if the identifiers match [col 9, lines 13-16, "matches the identifying number of the peripheral device stored within the configuration register of the device as well as the device identification registers 52"], writing information into the configuration spaces of the integrated and external components [col 9, lines 28-30, "written into the configuration registers within the peripheral device, as well as the corresponding I/O address registers 54 within south bridge 26"].

As to point (4), Heinrich et al. does show mating manager [col 9, lines 28-30, "written into the configuration registers within the peripheral device, as well as the corresponding I/O address registers 54 within south bridge 26"] to coordinate the implementation of a capability incorporated in part in said controller [south bridge 26, fig 2] and in part in a component external [col 9, lines 28-29, "the configuration registers within the peripheral device] to said system.

Conclusion

This action is responsive to applicant's amendment filed on September 9, 2005, which has been carefully studied by the Examiner. The arguments advanced therein are not persuasive at all and all of the rejections set forth in the previous Office action are hereby maintained. Accordingly, this action is made **FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

Any response to this action should be mailed to:

Mail Stop _____
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

The centralized fax number is 571-273-8300.

The centralized hand carry paper drop off location is:

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Randolph Building
401 Dulany Street
Alexandria, VA 22314


Any inquiry of a general nature or relating to the status of this application should be directed to the central telephone number (571) 272-2100.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Harold Kim whose telephone number is 571-272-4148. The examiner can normally be reached on Monday-Thursday 6AM-4PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dov Popovici can be reached on 571-272-4083. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Harold J. Kim
Patent Examiner
November 21, 2005/HK


DOV POPOVICI
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